

Kang, Ji Yeon

From: Miller, Robert
Sent: Tuesday, February 19, 2019 8:29 AM
To: Kang, Ji Yeon
Subject: FW: Loss report for great-horned owl in Santa Clara County
Attachments: P3302.pdf

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Sent: Wednesday, February 13, 2019 5:50 PM
To: 'Deviney, Joseph' (Joseph.Deviney@cep.sccgov.org) <Joseph.Deviney@cep.sccgov.org>; Miller, Robert <Miller.Robert@epa.gov>; Kratville, David@CDFA <david.kratville@cdfa.ca.gov>; Palmer-Townsend, Marilyn@CDPR <Marilyn.Palmer-Townsend@cdpr.ca.gov>
Cc: Chappell, Erin@Wildlife <Erin.Chappell@Wildlife.ca.gov>
Subject: Loss report for great-horned owl in Santa Clara County

Good afternoon,

I have attached a loss report for a great-horned owl in Santa Clara County. If you have any questions, please contact me.

Thank you.

Stella McMillin
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DEPARTMENT OF FISH AND WILDLIFE
WILDLIFE BRANCH
WILDLIFE INVESTIGATIONS LABORATORY
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Lab Number P-3302
Necropsy Number Z18-0700
CAHFS Number D1813780

Date of loss: September 19, 2018
Sample: Great-horned owl
Bubo virginianus
Listing status: No special status

To: Joseph Deviney
Santa Clara County Agricultural Commissioner

Report Date: January 17, 2019

Diagnosis: Anticoagulant rodenticide intoxication in great-horned owl.

Background

A great-horned owl was found dead by a member of the public in Morgan Hill on September 19, 2018. It was shipped to the CDFW Wildlife Investigations Laboratory (WIL) to determine the cause of death.

RESULTS OF EXAMINATION

A necropsy was performed at the WIL on September 21, 2018. The owl was found to be an adult female in good nutritional condition. There was a superficial puncture in the left wing pit surrounded by bloody matted feathers and subcutaneous hemorrhage (Figure 1). There were areas of edema and hemorrhage at the right distal pectoral muscle and the left lower leg and inguinal region (Figure 2). The organs were pale, and there were no signs of trauma. Liver tissue contained four anticoagulant rodenticides: 0.55 ppm brodifacoum, and traces of bromadiolone, difethialone, and diphacinone.

Remarks;

Coagulopathy observed at necropsy and potentially toxic levels of brodifacoum support diagnosis of anticoagulant rodenticide intoxication.

Figure 1. Subcutaneous hemorrhage and matted feathers of great-horned owl Z18-700.



Figure 2. Edema and hemorrhage at right pectoral muscle and left leg of great-horned owl Z18-700.



WILDLIFE INVESTIGATIONS LABORATORY



**Stella McMillin, Senior Environmental Scientist
Wildlife Investigations Laboratory**

Approved



**Dr. Deana Clifford, Senior Wildlife Veterinarian,
Wildlife Investigations Laboratory**

**Cc: Marilyn Palmer-Townsend
CDPR**

**David Kratville,
CDFA**

**Robert Miller,
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